

<b>TE ELECTRONICS &amp; TELECOMMUNICATION</b>
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<b>Semester I</b>
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<b>Course Name</b>	<b>Digital Communication</b>
At the end of this course, the student will be able to:	
<b>Course Outcome</b>	<b>Course Outcome</b>
CO 1	Describe waveform coding techniques and analyse their performance
CO 2	Analyze the performance of base band and passband digital communication
CO 3	Analyze the Frequency and time domain analysis of signals in digital
CO 4	Design Digital communication system
CO 5	Analyze the spread spectrum communication system

<b>Course Name</b>	<b>Digital Signal Processing</b>
At the end of this course, the student will be able to:	
<b>Course Outcome</b>	<b>Course Outcome</b>
CO 1	Explain transforms for analysis of Discrete Time Signal & System
CO 2	Implement/describe digital signal processing ,sampling & aliasing.
CO 3	To use & implementation of digital filters.

<b>Semester 2</b>
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<b>Course Name</b>	<b>Power Electronics</b>
At the end of this course, the student will be able to:	
<b>Course Outcome</b>	<b>Course Outcome</b>
CO 1	Design & implement a triggering / gate drive circuit for a power device
CO 2	Analyze different controlled converters.
CO 3	Evaluate battery backup time & design a battery charger.
CO 4	Design & implement over voltage / over current protection circuit.

<b>Course Name</b>	<b>Information Teory, Coding and Communication Networks</b>
At the end of this course, the student will be able to:	
<b>Course Outcome</b>	<b>Course Outcome</b>
CO 1	Perform information theoretic analysis of communication system.
CO 2	Design a data compression scheme using suitable source coding technique.
CO 3	Design a channel coding scheme for a communication system.
CO 4	Understand and apply fundamental principles of data communication and
CO 5	Apply flow and error control techniques in communication networks.